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UNIVERSITY OF RUHUNA
FACULTY OF MEDICINE
GALLE.

FINAL MBBS EXAMINATION JUNE 2004

PAEDIATRICS PAPER 1

Duration – 3 hours.

1. There are five parts (A,B,C,D and E) and six questions.
2. There are two questions in part A.
There is one question each in Part B,C,D and E.
3. Please answer all six questions.
4. Answer each part in the space provided.
5. Write the index number on the space provided on top of each part.

Part A

Index no

(1.1) List three techniques used to draw blood for investigations from neonates. (15 marks)

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(1.2) List the complications of an exchange transfusion. (30 marks)

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(1.3) List the complications of phototherapy. (15 marks)

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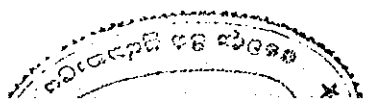
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**(2.2) Outline the aetiology for development of antisocial behaviour in children.
(20 marks)**

Part C Index no

4.1 List five causes for recurrent jaundice in a five year old girl. (20 marks)

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4.2 List the investigations you would perform on this child to confirm the diagnosis mentioned in 4.1 indicating the expected findings. (40 marks)

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Part D

Index no

5. Discuss briefly how you would follow up

5.1 A two month old female infant diagnosed to have congenital hypothyroidism. (30 marks)

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5.2 A two year old boy diagnosed to have spastic diplegic cerebral palsy. (40 marks)

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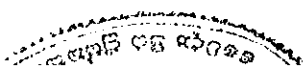
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Part E

Index no

6. A two year old boy was admitted with fever for three days. Following investigations were done.

- White cell count 16800/cub mm
- Neutrophils - 82% Lymphocytes - 16% Monocytes - 2%
- C reactive protein (CRP) - 180 mg/dl
- Urinalysis - Few epithelial cells/high power field.
- CSF protein 1g/L

- Cytology
 - Polymorphs - 25 /cub mm
 - Lymphocytes - 325 /cub mm

- CSF Sugar 0.6 mmol/L
- Random blood sugar 3.2 mmol /L

6.1 What is the diagnosis? (10 marks)

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6.2 What empiric antibiotic therapy would you start on this child? (20 marks)

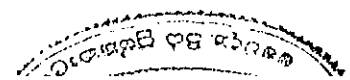
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6.3 Mention three investigation you would perform on this child to identify the aetiology. (15 marks)

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6.4 List five early complications. (20 marks)

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6.5 List three late complications.

(15 marks)

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6.6 How would you prevent this condition spreading among preschool child contacts?

(20 marks)

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